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Catalytic converters and emissions equipment

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Carry out a function test

Test start the engine and check for leakage.

Heated oxygen sensors (HO2S), replacing

Special tools: [999 5543](#)

Note! The diagnostic function uses the designations "Bank 1" and "Bank 2" respectively. Bank 1 stands for cylinders 1–2–3 and Bank 2 for cylinders 4–5–6.

Removal

Warning! The exhaust system and three-way catalytic converter (TWC) may be very hot.

Warning! Use protective goggles when drilling.

Removing the centre member

Remove the screws from the centre member. Remove the member.

Remove the flange between the exhaust pipe and three-way catalytic converter (TWC).

Unhook the rubber pads for the rear mounting for the exhaust pipe to prevent damage to the boots on the three-way catalytic converter (TWC).

Caution! Ensure that the mobile jack does not damage the three-way catalytic converter (TWC). Exhaust emissions may be affected if the three-way catalytic converter (TWC) is damaged.

Removing the front member

Carefully position the mobile jack under the three-way catalytic converter (TWC).

Pull the rear exhaust system backwards so that the joint at the three-way catalytic converter (TWC) separates by 50 mm (2.0").

Remove the four screws from the front member.

Turn the member.

Remove the screws from the front mounting for the exhaust pipe.

Unhook the brake pipes.

Remove the clamps for the cable harnesses.

Remove the member.

Lower the rear edge of the three-way catalytic converter (TWC) 120 mm (4 3/4").

Remove the heat deflector plate.

When replacing the left heated oxygen sensor (HO2S):

Remove the left front wheel.

- Separate the connector for the heated oxygen sensor (HO2S). Expose the cable harness.

Remove the heated oxygen sensor (HO2S).

Use tool [999 5543](#). See the illustration.

